

Thivagar Nadarajan

Software Developer

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EXPERIENCE

Software Developer (CO-OP)

July 2020 - Present

ECCC - Environment & Climate Change Canada

- Designed mockups in **Balsamiq** for requested web applications by following client specifications
- Implemented internal query feature to help other developers filter through **millions** of data payloads
- Conduct data validation & regression testing every release to identify any issues within components

QA Software Developer (CO-OP)

January 2017 - April 2017

CIHR - Canadian Institutes of Health Research

- Developed plugins to streamline the workflow of the Customer Relationship Management tool (CRM) using **JavaScript** and **C**
- Completed quality assurance testing on CRM prototype in order to retire legacy CRM software

PROJECTS

Teaforge Games

- Designed, developed & deployed a website to play social deduction games
- Built the frontend with **React** & **TypeScript** and used **Socket.io** & **Express** for the backend
- Utilized **Netlify** and **Heroku** to automate deployment for both the frontend and backend

Node Royale Game

- Designed and developed multiplayer Battle Royale game, and deployed it using **Heroku**
- Built the frontend with **React** and used **SQLite3**, **Express** & **WebSockets** for the backend

Anjalee Fine Arts Website

- Worked closely with a local music school to build a website to promote them
- Number of students has increased by **15%** since creation of the website

EDUCATION

B.S.c. - Specialist in Computer Science

September 2017 - December 2021

University of Toronto

SKILLS

Languages - HTML/CSS, Java, JavaScript/TypeScript, PHP, Python, C, Bash, SQL, Swift

Frameworks - React, Angular, Node.js, Bootstrap 4, jQuery, Android

Technologies - MongoDB, Docker, SQLite3, Git, Heroku, Netlify, Balsamiq, WordPress